

State of California
Revised April 30, 2005

California Integrated Waste Management Board

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate report year generation study for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:


California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the ONE choice below that best explains your request to the Board.

- ☒ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section 1: Jurisdiction Information and Certification			
All respondents must complete this section.			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name	County		
Mendota	Fresno		
Authorized Signature	Title		
	City manager		
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Gabriel Gonzalez			
Person Completing Title Form (please print or type)	Title		
Brita Rodriguez	Recycling Coordinator		
Attention:	City's Exclusive Hauler		
Mailing Address	City	State	ZIP Code
P.O. Box 12385	Fresno	CA	93777
E-mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year			
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").			
Note: New base years must be representative of a jurisdiction's disposal and diversion.			
1. Current Board-approved existing base year:		2. Proposed new generation-based study year:	
1990		2004	
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:			
<p>The City selected to use the year 2004 for the generation study, because it is the year that SRRE programs were fully implemented. Conducting a base year generation study using a year prior to 2003 would be difficult to collect data, because the City did not have a consistent hauler. Mid Valley Disposal began providing exclusive service for the City in the middle of 2003, and has records of tonnage data collected. Mid Valley Disposal assisted the City to implement recycling programs and has provided education material for residents, businesses, and schools to assist with the recycling guidelines.</p>			
4. Enter diversion rate information below.			
Diversion rate calculated using existing base year		Diversion rate calculated using new generation-based study	
a. 40 %		b. 23%	
Existing base year pounds/person/day based on generation		New generation based study pounds/person/day based on generation	
0		4.51	
Existing base year:		New generation based study:	
Residential generation 37 %	Non-Residential generation 63 %	Residential generation 57 %	Non-Residential generation 43 %
Population existing generation-based study 6821		Population new generation-based study 8696	
5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.			
<p>The City of Mendota currently has a diversion rate of 46% and the diversion rate calculated with the generation study is 28%. One of the reasons the annual reports diversion rate is higher than the base year generation study is because the total disposal amount decreased in 2004 from 2003. And the other reason is because on the 2004 annual report the City chose to use the Taxable sales deflator resulting in a 8.9% change from 2003. The exclusive hauler assisted the City of Mendota with the base year generation study. The hauler's recycling coordinator began collecting data for the study in October 2005. The data collected included site visits with local businesses and phone calls with companies doing business in the City that may have impacted the City's diversion rate, for example grease rendering companies. The recycling coordinator conducted site visits with the larger businesses and also with local restaurants. One of the larger companies is an agriculture company that packs fruits and vegetables.</p> <p>The CIWMB staff conducted a site visit to assist with the base year generation study. During the site visit we visited with the local Biomass facility, the agricultural company, and looked for other resources that could assist with the new base year generation study. When visiting the businesses we looked for wood waste recycling, produce composting, grasscycling, and rendering. There was no additional information that we could use for the base year generation study. With information collected from the City Public Works Department, curbside and residential recycling tonnage data collected from the hauler, and the data collected during site visits with the local businesses it was concluded that there was not a significant change in the recycling rate for the City of Mendota.</p>			
6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, If your pounds per person is over the state average of 11.2 pounds, please explain why.			
There was not an increase in the pounds per day for the new generation study.			

Section III - Disposal and Diversion Information			
1. Disposal Tonnage (enter values):	2962	2523	5485
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Number 2.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new bas year

2. In the table below, list the summarized diversion activities, tonnages, material types, actual or conversion factors, and diversion data records that support your claim and are available for Board verification. **Note: The Board expects the jurisdiction to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition and percentage calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal,] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment IVa.

(Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.

<http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm>

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting					
Grasscycling					
Other Residential Source Reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Source Reduction	0	0%			
Residential Recycling Activities					
Curbside Recycling	309	4%	Commingled recycables	Actual weights	Hauler summary report
Buyback Centers	668	9%	Aluminum cans, glass, plastic containers	Actual weights	Aggregate volumes from the Dept. of Conservation, Division of Recycling
Drop-off Centers					

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	977	14%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste			Green waste	Actual weights - see biomass	Hauler summary report
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	0	0%			
Subtotal, Residential Diversion	977	14%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits	0	0%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Source Reduction (list each program separately)					
1040-SR-SCH	99	1%	School grasscycling	7.6 tons per acre per year	Generator estimation
1050-SR-GOV	166	2%	Grasscycling at local park	7.6 tons per acre per year	Based on 11 mowable acres at two schools (survey notes provided by the hauler)
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	265	4%			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Non-Residential Recycling Activities:					
Non-Residential Waste Audits	0	0%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Recycling (list each program separately)					
2030-RC-OSP	188	3%	OCC recycling	Actual weights	Summary report provided by local recycler
4090-SP-RND	0	0%			
2030-RC-OSP	66	1%	Commingled recycables	Actual weights	Hauler summary report
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	254	4%			
Non-Residential Composting Activities					
Non-Residential Waste Audits	20	0%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	20	0%			
Subtotal Non-Residential Diversion	539	8%			
Other Diversion Activities					
(Note: If you are unable to provide the actual residential/non-residential split, please provide your best estimates of the split in each program type or put all the diversion under non-residential.)					
Residential					
ADC					
Sludge (must submit sludge cert form)					
Scrap Metal					
Construction and Demolition	150	2%	asphalt recycling	Estimate provided from City staff	Survey notes provided by the hauler
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Residential Waste	150	2%			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Non-Residential					
ADC					
Sludge (must submit sludge cert form)					
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Non-Residential Waste	0	0%			
Subtotal Residential/ Non-Residential Other Diversion	150	2%			
Total Residential/Non-Residential Source Reduction Tons	265	4%			
Total Diversion Tons	1665	23%			
Total Disposal Tons from Number 1	5485	77%			
Total Generation Tons (Div+Dis)	7150				
NEW GENERATION STUDY DIVERSION RATE	23%				
Additional Information for Report Year Calculations - Biomass and Transformation Activities (Note: you cannot claim both biomass and transformation.)					
Biomass (must submit biomass cert form and must be 10% or less of generation--use the calculator to calculate)	547	8%			
Transformation					
Report Year Diversion Rate with Biomass or Transformation Credit	31%				

Section IV - Specific Non-Residential Sector Waste Audits

Top 10 Non-Residential Generators

Please complete this table for the top ten non-residential businesses that were surveyed. **Use the business type in lieu of the specific business name** (e.g., grocery store vs. Bestway Grocery Store) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must be identical to the data in the Section V spreadsheet.

Audit Reference Numbe	Type of Non-Residential Generator	Include Material Type (e.g., paper, grasscycling). (List materials on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section III)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
1	Food processor	Food waste composting			20	20	0.3%	P,M
Totals					20	20	0.3%	

Section V - Non-Residential Generator Audit Diversion Spreadsheet							
<p>Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses should be included as an attachment. Click on the Section Button to add a section for another generator (ten rows and a subtotal row added to the table for each new generator). If you have any questions, please contact your OLA Representative at (916) 341-6199.</p>							
							Add Section
Non-Residential Generator Audit Diversion							
Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
1	Food processor	Food waste composting	Generator estimate			20	20
Subtotal -				0	0	20	20
Subtotal -				0	0	0	
Subtotal -				0	0	0	

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
Subtotal -				0	0	0	
Subtotal -				0	0	0	
Subtotal -				0	0	0	
Subtotal -				0	0	0	
Subtotal -				0	0	0	

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
Subtotal -				0	0	0	
Subtotal -				0	0	0	
Subtotal -				0	0	0	
Grand Total				0	0	20	20

Section VI - Restricted Waste

For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program or generator, please provide the following information:

Insert 1

1. If the diversion program started on or after January 1, 1990, complete the following table.

Note: Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."). Please input the complete program name with business type if appropriate. If you need to add additional programs, insert a row by clicking on the button for that section.

Restricted Waste Type	Audit Reference Number	Specific Program Name	Year Started	Generation Study Diversion Tonnage
Inert Solids ▼	NA	Asphalt recycling	2003	150
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

2. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to individual programs (PRC sec 41781.2(c)(2). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to Number 4.

Insert 3

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Audit Reference Number	Specific Program Name	Generation Study Diversion Tonnage
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

4. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2 is not available, complete the table below for each program claimed:

Ins 4

Restricted Waste Type	Audit Reference Number	Specific Program Name	Specific Program Generation Study Diversion Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					